

Converting Colors

Hex(0A5A76)

Have a look what the booklet for
Hex(0A5A76) contains.

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Color

Hex(0A5A76)

Conversions

Conversions Part 1

Format	Color
Hex	0A5A76
RGB	10, 90, 118
RGB Percent	4%, 35%, 46%
CMY	0.9608, 0.6471, 0.5373
CMYK	0.92, 0.24, 0.00, 0.54
HSL	196°, 84%, 25%
HSV	196°, 92%, 46%
XYZ	7.0514, 8.6849, 18.4442
YIQ	69.2720, -56.6680, -8.2520

Conversions

Conversions Part 2

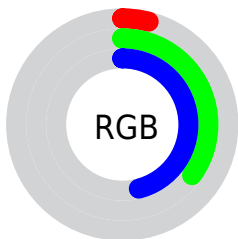
Format	Color
R_{YB}	10, 56, 118
Decimal	678518
CIE _{Lab}	35.37, -11.33, -22.09
CIE _{LCh}	35, 24.828, 242.850
Yxy	8.6849, 0.2063, 0.2541
Android (android.graphics.Color)	4278868598 (0xFF0A5A76)
YUV	69.2720, 24.0229, -51.9815
Hunter-Lab	29.4701, -8.8627, -16.4784

Details

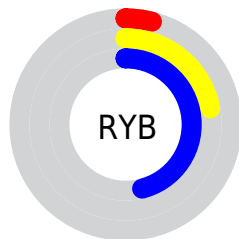
The Hex color **0A5A76** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **76260A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4E8CAA**, and **002C45** is the 20% darker color. If you saturate the color by 10%, you get **005776**, and if you desaturate by 10%, it is **165D76**.

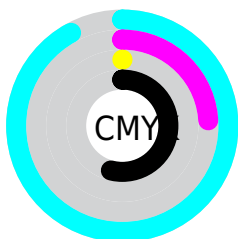
Distribution



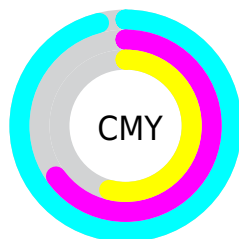
- Red (4%)
- Green (35%)
- Blue (46%)



- Red (4%)
- Yellow (22%)
- Blue (46%)



- Cyan (92%)
- Magenta (24%)
- Yellow (0%)
- Black (54%)



- Cyan (96%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A5A76 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0A5A76 by changing the saturation by 10% instead.

0A5A76

0A5A76

FFFFFF

00435D

4E8CAA

002C45

69A6C6

00192F

85C2E2

00011A

A1DEFE

000000

BDFAFF

DAFFFF

F8FFFF

0A5A76

0A5A76

■ 005776

■ 165D76

■ 226076

■ 2D6376

■ 396676

■ 456976

■ 516C76

■ 5D6F76

■ 687276

■ 747676

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



005D68



0A5A76



38557B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0A5A76



784352



495831

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0A5A76



76260A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5E532B



0A5A76



78463F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0A5A76



6E4766



6E4C30



315C40

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0A5A76



4E5078



6E4C30



51572E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0A5A76



708E99



0A7625



34464D



CCCCCC



4D4D4D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0A5A76



007199



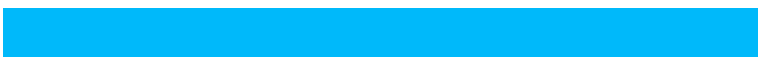
0A2576



35393B



005B7A



00B9FA

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



760A5A



990071



765B0A



3B3539



7A005B



FA00B9

Previews

White Background



This preview shows how the Hex color 0A5A76 looks on a white background.

Color Contrast Check

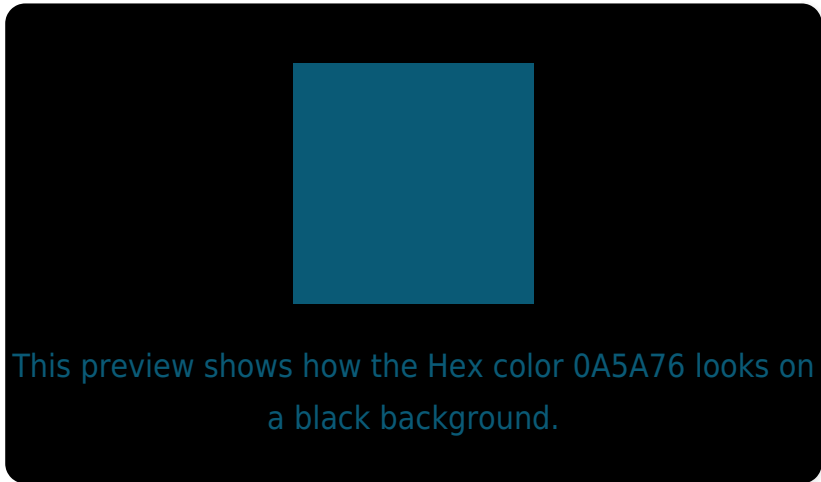
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

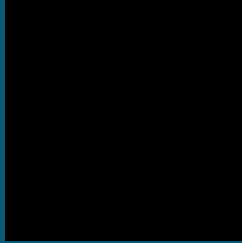
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0A5A76 Background



This preview shows how black text looks on a background with the Hex color 0A5A76.



This preview shows how white text looks on a background with the Hex color 0A5A76.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

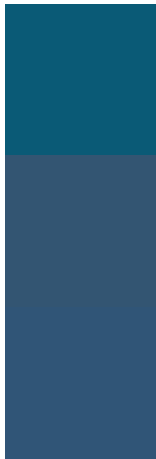


Original Color
0A5A76

Protanopia
4B5270

Deuteranopia
455278

Trichromacy

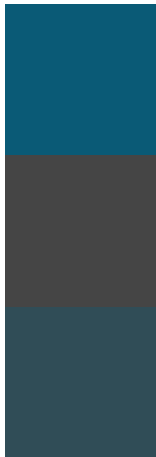


Original Color
0A5A76

Protanomaly
335572

Deuteranomaly
305577

Monochromacy



Original Color
0A5A76

Achromatopsia
454545

Achromatomaly
304D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A5A76 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0A5A76 looks like.

```
.text, #text, p{  
    color:#0A5A76  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0A5A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A5A76  
}
```

Border

The CSS property to change the border of an element to Hex 0A5A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#0A5A76 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0A5A76 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0A5A76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A5A76; -webkit-box-shadow:4px 4px  
4px 4px #0A5A76; box-shadow:4px 4px 4px  
4px #0A5A76 }
```

Background

The CSS property to change the background color of an element to Hex 0A5A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A5A76 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0A5A76 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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